

Cable clamp grommets installed easily

Tyco Electronics has introduced ShrinkHOoP heat-shrinkable cable clamp grommets, which offer significant advantages in applying strain relief to open wire bundles and cable looms.

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Product information
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Subject:
**ShrinkHOoP heat-
shrinkable cable
clamp grommets**

Tyco Electronics has introduced ShrinkHOoP heat-shrinkable cable clamp grommets, which offer significant advantages in applying strain relief to open wire bundles and cable looms.

Ideal for aerospace, rail rolling stock and a wide range of commercial applications, these heat-shrinkable rings can be installed over completed connector assemblies.

They are quick to install and offer a more consistent strain relief than tape alone or taping pre-formed components and are re-enterable for additional wire retrofits or connector repairs.

With an ultra high (20:1) shrink ratio, ShrinkHOoP grommets are supplied in generous expanded diameters capable of passing over the completed cable assembly, after the connector pinning operation is completed.

Shrunk down, these rings are highly conformable and fill the space between the clamp-type connector assembly and the cable.

Once clamped into position, the ShrinkHOoP grommets deliver more consistent strain relief to open wire bundles than traditional practices.

Re-entry for retro repairs is a simple operation. The technician simply softens the ShrinkHOoP grommet by heating and enlarges the ring by inserting a non-metallic probe through the centre of the wire bundle.

The grommet will remain enlarged on cooling, allowing wires to be added, removed or reworked.

Once rework is completed, strain relief is re-applied by simply heating the grommet until it shrinks down again before positioning and clamping back into place.

ShrinkHOoP grommets are compatible with most typical cable configurations, from single conductor to high density multiple conductor arrangements.

They have a wide operating temperature range - 55degC to 135degC and five standard sizes are available to accommodate connector diameters from 0.04 inch (1.15mm) up to 2 inch (50.8mm). Rings can be made to fit any other connector size against special order.